

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	276	703/2.ccls. and @pd>"20071101"	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/06/25 20:55
L2	205	345/643.ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/06/25 21:17
L3	53	345/644.ccls.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/06/25 21:31

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	9	(graphic\$1 near pipeline) and (partial adj differential)	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/06/25 21:44
L6	44	(graphic\$1 near processor) and (partial adj differential)	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/06/25 21:48

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	38	(partial adj differential) and (sum near error\$1)	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2008/06/25 21:38

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	0	((graphics adj pipeline) and (partial adj differential)).clm.	US-PGPUB	OR	OFF	2008/06/26 12:11
L4	0	((hardware adj graphics) and (partial adj differential)).clm.	US-PGPUB	OR	OFF	2008/06/26 12:12

Web Images Video News Maps more »

multigrid "sum of the errors" | 1990 - 2003 | Search | Ad Sc Sc

ScholarResults 1 - 8 of 8 for **multigrid "sum of the errors"**. (0.07 seconds)

Tip: Try removing quotes from your search to get more results.

Introduction to adaptive methods for differential equations - all 7 versions »

K Eriksson, D Estep, P Hansbo, C Johnson - *Acta Numerica*, 1995 - books.google.com
 ... using Newton's method or **multigrid** methods, for ... of the Galerkin discretization and
 multi- grid methods for ... error is given by the **sum of the errors** from each in ...

Cited by 387 - Related Articles - Web Search

Stability of Disk Galaxies in the Modified Dynamics - all 7 versions »

R Brada, M Milgrom - *The Astrophysical Journal*, 1999 - UChicago Press
 ... is to minimize a single functional of f that is the **sum of the errors** in the ... Since
 we have written a **multigrid** potential solver, it is a natural choice to use ...

Cited by 14 - Related Articles - Web Search - BL Direct

Genetic algorithm optimization of adaptive multi-scale GLCM features, - all 2 versions »

RP Walker, PT Jackway, D Longstaff - *International Journal of Pattern Recognition and Artificial* ..., 2003 -
 worldscinet.com

Page 1. *International Journal of Pattern Recognition and Artificial Intelligence*
 Vol. 17, No. 1 (2003) 17–39 c World Scientific Publishing Company ...

Cited by 10 - Related Articles - Web Search - BL Direct

Gradient-based optical flow: a critical review

M Mesbah - *Signal Processing and Its Applications*, 1999. ISSPA'99. ..., 1999 - ieeexplore.ieee.org
 ... as a minimisation of the **sum of the errors** in the ... is solved using an algebraic multi-
 grid algorithm ... Investigations of **Multigrid** Algo- rithms for Estimation of ...

Cited by 3 - Related Articles - Web Search

[ps] Gamze Dilek Tunal

AF IMAGES - 1996 - cs.bilkent.edu.tr
 ... Key words : facial animation, facial expression, snakes, active contour mod- els,
multigrid relaxation, multilevel B-Spline interpolation. Page 4. OZET ...

Related Articles - View as HTML - Web Search

On the use of regularisation techniques for finite element model updating

S Ziaei-rad, M Imregun - *Inverse Problems in Science and Engineering*, 1999 - informaworld.com
 ... King [40] and Zhou and Rushforth [41] applied multi- grid ideas adopted from the ...
 the **errors**, obtained by eliminating a different observation at a time, can be ...

Cited by 5 - Related Articles - Web Search

Verification and validation in computational fluid dynamics - all 9 versions »

WL Oberkampf, TG Trucano - *Progress in Aerospace Sciences*, 2002 - Elsevier
 User Name: Password: Remember me on this computer, Forgotten password? ...

Cited by 123 - Related Articles - Web Search - BL Direct

[ps] Vector field restoration by the method of convex projections - all 7 versions »

PY Simard, GE Mailloux - *Computer Vision, Graphics, and Image Processing*, 1990 - research.microsoft.com
 ... dy (17) The problem is then to minimize the **sum of the errors** in the equation
 for the rate of change of image brightness (Eq. 15 ...

The image shows the Google Scholar search interface. The search query "multigrid \"sum the errors\"" is entered in the search bar. The date range is set from "1990" to "2003". The "Search" button is visible. To the right of the search bar, there are buttons for "Ad", "Sc", and "Sc".

Tip: Try removing quotes from your search to get more results.

Your search - **multigrid "sum the errors"** - did not match any articles published between 1990 and 2003.

Suggestions:

- Make sure all words are spelled correctly.
- Try different keywords.
- Try more general keywords.
- Try fewer keywords.
- Try searching over a larger date range.
- Try your query on the entire web.

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2008 Google

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)Ad
Sc
Sc**Scholar**Results 1 - 1 of 1 for **multigrid "summing the errors"**. (0.12 seconds)

Tip: Try removing quotes from your search to get more results.

[Shape from shading: Level set propagation and viscosity solutions](#) - all 3 versions »
R Kimmel, K Siddiqi, BB Kimia, AM Bruckstein - International Journal of Computer Vision, 1995 - Springer
... Ascher and Carter (1993) used a **multigrid** method to speed up the iterative
reconstruction process. ... **Summing the errors** along the characteristic gives ...
Cited by 52 - Related Articles - Web Search - BL Direct

Key authors: [R Kimmel](#) - [K Siddiqi](#) - [B Kimia](#) - [A Bruckstein](#)[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2008 Google



[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

"summing the errors" "partial differential equation" [1990 - 2003]

Ad
Sc
Sc

Scholar

Results 1 - 1 of 1 for **"summing the errors" "partial differential equation"**. (0.36 seconds)

Tip: Try removing quotes from your search to get more results.

[Shape from shading: Level set propagation and viscosity solutions - all 3 versions »](#)

R Kimmel, K Siddiqi, BB Kimia, AM Bruckstein - International Journal of Computer Vision, 1995 - Springer

... is a non-linear equation, to be more specific, it is a first order nonlinear **partial differential equation**. ... **Summing the errors** along the characteristic gives ...

Cited by 52 - Related Articles - Web Search - BL Direct

Key authors: [R Kimmel](#) - [K Siddiqi](#) - [B Kimia](#) - [A Bruckstein](#)

"summing the errors" "partial differential equation" [Search](#)

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2008 Google



Web Images Video News Maps more »

"summing the errors" "partial differential equa

1990

- 2003

Search

Ad
Sc
Sc

Scholar

Results 1 - 3 of 3 for **"summing the errors" "partial differential equations"**. (0.26 seconds)

Tip: Try removing quotes from your search to get more results.

[Shape from shading: Level set propagation and viscosity solutions - all 3 versions »](#)

R Kimmel, K Siddiqi, BB Kimia, AM Bruckstein - International Journal of Computer Vision, 1995 - Springer

... of solving Cauchy type boundary value problems associated to nonlinear **partial differential equations**. ... **Summing the errors** along the characteristic gives ...

Cited by 52 - Related Articles - Web Search - BL Direct

[\[book\] The Cauchy Problem in Kinetic Theory - all 3 versions »](#)

R Glassey - 1996 - books.google.com

... 212 8.4 The Particle Errors 225 8.5 **Summing the Errors** 229 References ... graduate students, most of whom were writing theses in **partial differential equations**. ...

Cited by 161 - Related Articles - Web Search

[Dynamic Modeling Based on Real-Time Deflection Measurement and Compensation Control for Flexible ... - all 2 versions »](#)

TW Yang, WL Xu, SK Tso - Dynamics and Control, 2001 - Springer

... translational and rotational errors of the end-effector caused by the deformations of all the flexible links can be formed by **summing the errors** caused by ...

Cited by 11 - Related Articles - Web Search - BL Direct

Key authors: [R Kimmel](#) - [K Siddiqi](#) - [B Kimia](#) - [A Bruckstein](#) - [R Glassey](#)

"summing the errors" "partial differe

Search

[Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2008 Google

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

1990

- 2003

Ad
Sc
Sc**Scholar All articles - Recent articles** Results 1 - 10 of about 25 for **"sum of the errors" "partial diff****Introduction to adaptive methods for differential equations - all 7 versions »**

K Eriksson, D Estep, P Hansbo, C Johnson - *Acta Numerica*, 1995 - [books.google.com](#)
... as well as time-dependent, linear and non-linear, ordinary and **partial differential equations**. ... that the total error is given by the **sum of the errors** from each ...

Cited by 387 - Related Articles - [Web Search](#)

Approximately preserving symmetries in the numerical integration of ordinary differential equations - all 5 versions »

A ISERLES, R McLACHLAN, A ZANNA - *European Journal of Applied Mathematics*, 1999 - Cambridge Univ Press

Page 1. *Euro. Jnl of Applied Mathematics* (1999), ol. 10, pp. 419–445. Printed in the United Kingdom # 1999 Cambridge University Press 419 ...

Cited by 14 - Related Articles - [Web Search](#) - [BL Direct](#)

Brownian fluctuations of the interface in the D= 1 Ginzburg-Landau equation with noise - all 5 versions »

S Brassesco, A De Masi, E Presutti - *Annales de l'institut Henri Poincaré (B) Probabilités et ...*, 1995 - [numdam.org](#)

... Since the **sum of the errors** is NEETE, the sum is also of the order of ... 19] JB WALSH, An introduction to stochastic **partial differential equations**, Lecture Notes ...

Cited by 12 - Related Articles - [Web Search](#)

On the Periodic Solution of the Burgers Equation: A Unified Approach - all 3 versions »

A Parker - *Proceedings: Mathematical and Physical Sciences*, 1992 - JSTOR

... $u_i(x,t)$ on $[0, T]$ is adjusted by the **sum of the errors** $\geq E$, to ... Forsyth, AR 1906 Theory of differential equations, part IV (**Partial differential equations**), vol. ...

Cited by 10 - Related Articles - [Web Search](#)

Point-data processing and error analysis in reverse engineering - all 2 versions »

AC Lin, CF Chen - *The International Journal of Advanced Manufacturing ...*, 1998 - Springer

... If the **sum of the errors** is more than the preset value for the ... Then solve the six **partial differential equations** simultaneously to obtain values for the six ...

Cited by 8 - Related Articles - [Web Search](#) - [BL Direct](#)

Application of model predictive control and dynamic analysis to a pilot distillation column and ... - all 4 versions »

M Alpbaz, S Karacan, Y Cabbar, H Hapoğlu - *Chemical Engineering Journal*, 2002 - Elsevier

... The resulting **partial differential equations** were integrated using orthogonal collocation in which all ... Index J. To minimize J, the **sum of the errors** squared is ...

Cited by 5 - Related Articles - [Web Search](#)

Stability of Disk Galaxies in the Modified Dynamics - all 7 versions »

R Brada, M Milgrom - *The Astrophysical Journal*, 1999 - UChicago Press

... & Brandt 1987), which are extremely efficient in solving elliptic, **partial differential equations**. ... single functional of f that is the **sum of the errors** in the ...

Cited by 14 - Related Articles - [Web Search](#) - [BL Direct](#)

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)Ad
Sc
Sc**Scholar All articles - Recent articles** Results 1 - 10 of about 27 for "partial differential" "graphics pipeline"**[Physically-based visual simulation on graphics hardware - all 17 versions](#)**

MJ Harris, G Coombe, T Scheuermann, A Lastra - Proceedings of the ACM SIGGRAPH/EUROGRAPHICS conference on ..., 2002 - portal.acm.org

... is one of the most useful tools for working with **partial differential equations**. ... textures must map directly to pixels in the output of the **graphics pipeline**. ...

Cited by 142 - Related Articles - Web Search

[\[PDF\] The graphics card as a stream computer - all 13 versions](#)

S Venkatasubramanian - SIGMODIMACS Workshop on Management and Processing of Data ..., 2003 - research.att.com

... computing the median of n numbers takes n passes in the "standard" **graphics pipeline** model. ... Scientific computing: Solve **partial differential equation** via ...

Cited by 37 - Related Articles - View as HTML - Web Search

[\[PDF\] Using graphics cards for quantized FEM computations - all 9 versions](#)

M Rumpf, R Strzodka - IASTED Visualization, Imaging and Image Processing ..., 2001 - numerik.math.uni-duisburg.de

... It is hard to exploit these in solvers for **partial differential equations** modeling ... and precision or some unoptimized parts of the **graphics pipeline**, but the ...

Cited by 28 - Related Articles - View as HTML - Web Search

[Simulation of cloud dynamics on graphics hardware - all 2 versions](#)

MJ Harris, WV Baxter, T Scheuermann, A Lastra - Proceedings of the ACM SIGGRAPH/EUROGRAPHICS conference on ..., 2003 - portal.acm.org

... Clouds in our system are modeled using **partial differential equations** describing fluid motion, thermodynamic processes, buoyant forces, and water phase ...

Cited by 123 - Related Articles - Web Search

[Nonlinear Diffusion in Graphics Hardware - all 8 versions](#)

M Rumpf, R Strzodka - Data Visualization 2001: Proceedings of the Joint ..., 2001 - books.google.com

... 3 Operations in Linear Iterative Solvers In fact, many discretizations of **partial differential equations** lead ... are many stages in the **graphics pipeline** where linear ...

Cited by 35 - Related Articles - Web Search

[Interactive data exploration with a supercomputer - all 2 versions](#)

S Smith, G Grinstein, RD Bergeron - Visualization, 1991. Visualization'91, Proceedings., IEEE ..., 1991 - ieeexplore.ieee.org

... 4.3 Figure 6 is an iconographic picture of the solution to a **partial differential equation** that describes a re- action ... a visualization or **graphics pipeline**. ...

Cited by 31 - Related Articles - Web Search

[\[book\] 3D Game Engine Design: A Practical Approach to Real-Time Computer Graphics - all 6 versions](#)

DH Eberly - 2001 - books.google.com

... 68 Circle to Circle in 3D 69 Ellipse to Ellipse in 3D 73 v **THE GRAPHICS PIPELINE**

79 3.1 MODEL AND WORLD COORDINATES 80 3.2 PERSPECTIVE PROJECTION 80 3.2. ...

Cited by 219 - Related Articles - Web Search

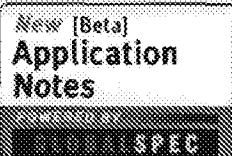
[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) | [Purchase History](#) |

Welcome United States Patent and Trademark Office

 [Search Results](#)[BROWSE](#)[SEARCH](#)[IEEE Xplore GUIDE](#)

Results for "((graphics & pipeline) & partial differential) & (pyr >= 1913 & pyr <= 250)"
Your search matched 153 of 1822935 documents.

A maximum of 250 results are displayed, 25 to a page, sorted by **Relevance** in **Descending** order.

[Modify Search](#) Check to search only within this results setDisplay Format: Citation Citation & Abstract» [Search Options](#)[View Session History](#)[IEEE/IET](#)[Books](#)[Educational Courses](#)[New Search](#)[IEEE/IET journals, transactions, letters, magazines, conference proceedings, and](#)» [Key](#)

IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

 View: 1-25 | 26-50

- 1. [IEEE transactions on magnetics cumulative index 1985-2000 volumes 21](#)
[Magnetics, IEEE Transactions on](#)
Volume 37, Issue 6, Part 2, Nov 2001 Page(s):467 - 1288
Digital Object Identifier 10.1109/TMAG.2001.966142
[AbstractPlus](#) | [Full Text: PDF\(7236 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- 2. [Back cover](#)
[Magnetics, IEEE Transactions on](#)
Volume 19, Issue 6, Nov 1983 Page(s):0 - 0
[AbstractPlus](#) | [Full Text: PDF\(9088 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- 3. [1974 Index IEEE Transactions on Computers Vol. C-23](#)
[Computers, IEEE Transactions on](#)
Volume C-23, Issue 12, Dec. 1974 Page(s):1330-a - 1330-n
[Full Text: PDF\(3888 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- 4. [Shape recovery algorithms using level sets in 2-D/3-D medical imagery:](#)
Suri, J.S.; Kecheng Liu; Singh, S.; Laxminarayanan, S.N.; Xiaolan Zeng; Reden
[Information Technology in Biomedicine, IEEE Transactions on](#)
Volume 6, Issue 1, March 2002 Page(s):8 - 28
Digital Object Identifier 10.1109/4233.992158
[AbstractPlus](#) | [References](#) | [Full Text: PDF\(569 KB\)](#) IEEE JNL
[Rights and Permissions](#)
- 5. [Large-scale problems and supercomputing in the Department of Energy](#)
Decker, J.F.; Nelson, D.B.; Austin, D.M.;
[Proceedings of the IEEE](#)
Volume 77, Issue 7, July 1989 Page(s):1020 - 1037
Digital Object Identifier 10.1109/5.30753


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) | [Purchase History](#) |

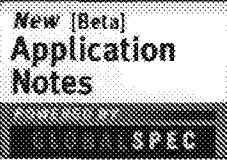
Welcome United States Patent and Trademark Office

 [Search Results](#)
[BROWSE](#)
[SEARCH](#)
[IEEE Xplore Guide](#)

Results for "((graphics processor<and>partial differential)<and>partial differential) <and> (py...)"

Your search matched **10** of **1822935** documents.

A maximum of **250** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.



» [Search Options](#)

[View Session History](#)

[New Search](#)

[Modify Search](#)

((graphics processor<and>partial differential)<and>partial differential) <and> (pyr >=

Check to search only within this results set

Display Format: Citation Citation & Abstract

» [Key](#)

[Select All](#) [Deselect All](#)

IEEE JNL IEEE Journal or Magazine

[1. 2004 Index](#)

[Microwave Theory and Techniques, IEEE Transactions on](#)
Volume 52, Issue 12, Dec. 2004 Page(s):2747 - 2872
Digital Object Identifier 10.1109/TMTT.2004.841604

[Full Text: PDF\(2168 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)

IET JNL IET Journal or Magazine

[2. A processor architecture for 3D graphics](#)

Wang, Y.; Mangaser, A.; Srinivasan, P.;
[Computer Graphics and Applications, IEEE](#)
Volume 12, Issue 5, Sept. 1992 Page(s):96 - 105
Digital Object Identifier 10.1109/38.156019
[AbstractPlus](#) | [Full Text: PDF\(1172 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)

IEEE CNF IEEE Conference Proceeding

[3. Direct visualization of volume data](#)

Yoo, T.S.; Neumann, U.; Fuchs, H.; Pizer, S.M.; Cullip, T.; Rhoades, J.; White
[Computer Graphics and Applications, IEEE](#)
Volume 12, Issue 4, July 1992 Page(s):63 - 71
Digital Object Identifier 10.1109/38.144828
[AbstractPlus](#) | [Full Text: PDF\(1316 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)

IET CNF IET Conference Proceeding

[4. Parallel processing in Japan: national and corporate trends](#)

Johnston, S.C.; Imai, K.;
[Computational Science & Engineering, IEEE](#)
Volume 2, Issue 1, Spring 1995 Page(s):32 - 41
Digital Object Identifier 10.1109/99.372934
[AbstractPlus](#) | [Full Text: PDF\(960 KB\)](#) [IEEE JNL](#)
[Rights and Permissions](#)

IEEE STD IEEE Standard

[5. Texture synthesis for 3D shape representation](#)

Gorla, G.; Interrante, V.; Sapiro, G.;
[Visualization and Computer Graphics, IEEE Transactions on](#)

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)Ad
Sc
Sc**Scholar All articles - Recent articles** Results 1 - 10 of about 29 for "partial differential" "graphics"[Simulation of cloud dynamics on graphics hardware - all 2 versions](#) »

MJ Harris, WV Baxter, T Scheuermann, A Lastra - Proceedings of the ACM SIGGRAPH/EUROGRAPHICS conference on ..., 2003 - portal.acm.org

... Clouds in our system are modeled using **partial differential** equations describing fluid motion, thermodynamic processes, buoyant forces, and water phase ...

Cited by 123 - Related Articles - Web Search

[\[PDF\] Using graphics cards for quantized FEM computations - all 9 versions](#) »

M Rumpf, R Strzodka - IASTED Visualization, Imaging and Image Processing ..., 2001 - numerik.math.uni-duisburg.de

... em graphics cards has reached a state, where the **graphics processor** unit may ... even typical discrete numeri- cal schemes for **partial differential** equations can ...

Cited by 28 - Related Articles - View as HTML - Web Search

[Nonlinear Diffusion in Graphics Hardware - all 8 versions](#) »

M Rumpf, R Strzodka - Data Visualization 2001: Proceedings of the Joint ..., 2001 - books.google.com

... of modern graphics cards has reached a state, where the **graphics processor** unit may ... **Partial differential** equations in image processing are exactly of this type ...

Cited by 35 - Related Articles - Web Search

[\[PDF\] Physically-based simulation on graphics hardware](#)

M Harris, G James - GameDevelopers Conference, 2003 - hands-on-labs.com

... How Does It Work? • **Graphics processor** renders colors ... Derivatives (slopes) in **partial differential** equations (PDEs) turn into neighbor sampling on a grid ...

Cited by 3 - Related Articles - View as HTML - Web Search

[A processor architecture for 3D graphics - all 8 versions](#) »

Y Wang, A Mangaser, P Srinivasan - Computer Graphics and Applications, IEEE, 1992 - ieeexplore.ieee.org

... i860 has become a popular candidate as the 3D **graphics processor** for many ... and the simultaneous solution of large sets of **partial differential** equations are ...

Cited by 1 - Related Articles - Web Search

[A three-dimensional computer model of the human heart for studying cardiac fluid dynamics](#)

DM McQueen, CS Peskin - ACM SIGGRAPH Computer Graphics, 2000 - portal.acm.org

... on the other hand, are constructed by careful consideration of mechanical equilibrium and numerical solu- tion of a resulting **partial differential** equation. ...

Cited by 29 - Related Articles - Web Search - BL Direct

[Supercomputers for EMI/EMC problems](#)

G Radha, AB Patki, P Santhi, M Surekha, AV Sudha, ... - Electromagnetic Compatibility, 1990. Symposium Record. 1990 ..., 1990 - ieeexplore.ieee.org

... apart from finding an approximate solution to a given **partial differential** equation, we also ... In addition the **graphics processor** can operate on bytes of data, a ...

Web Search

[CITATION] 1 Centre Suisse d'Electronique et de Microtechnique SA, Maladiere 71, CH-2007 Neuchatel 2 Lx> gic ...